

SEQUENCE LISTING

<110> Delaney, Allen

<120> Cancer Associated Protein Phosphatases and their
uses

<130> KINB-040PRV

<140> unknown

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<170> FastSEQ for Windows Version 4.0

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<212> DNA

<213> Homo sapiens

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<222> (0)...(0)

<223> MKPX polynucleotide

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<223> MKPX polypeptide

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35 40 45
Lys Tyr Leu Cys Ile Pro Ala Ala Asp Ser Pro Ser Gln Asn Leu Thr
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Arg His Phe Lys Glu Ser Ile Lys Phe Ile His Glu Cys Arg Leu Arg
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Gly Glu Ser Cys Leu Val His Cys Leu Ala Gly Val Ser Arg Ser Val
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Thr Leu Val Ile Ala Tyr Ile Met Thr Val Thr Asp Phe Gly Trp Glu
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Asp Ala Leu His Thr Val Arg Ala Gly Arg Ser Cys Ala Asn Pro Asn
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<212> PRT

<213> Homo sapiens

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<223> PTP4A1 polypeptide sequence

<400> 4

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             20             25             30
Phe Ile Glu Leu Lys Lys Tyr Gly Val Thr Thr Ile Val Arg Val
             35             40             45

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Cys Glu Ala Thr Tyr Asp Thr Thr Leu Val Glu Lys Glu Gly Ile His
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Val Leu Asp Trp Pro Phe Asp Asp Gly Ala Pro Pro Ser Asn Gln Ile
 65          70          75          80
Val Asp Asp Trp Leu Ser Leu Val Lys Ile Lys Phe Arg Glu Glu Pro
          85          90          95
Gly Cys Cys Ile Ala Val His Cys Val Ala Gly Leu Gly Arg Ala Pro
          100          105          110
Val Leu Val Ala Leu Ala Leu Ile Glu Gly Gly Met Lys Tyr Glu Asp
          115          120          125
Ala Val Gln Phe Ile Arg Gln Lys Arg Arg Gly Ala Phe Asn Ser Lys
          130          135          140
Gln Leu Leu Tyr Leu Glu Lys Tyr Arg Pro Lys Met Arg Leu Arg Phe
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<212> DNA

<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

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<222> (0)...(0)

<223> PTPN7 polypeptide sequence

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35          40          45
Val Thr Leu His Phe Leu Arg Thr Ala Gly His Pro Leu Thr Arg Trp
50          55          60
Ala Leu Gln Arg Gln Pro Pro Ser Pro Lys Gln Leu Glu Glu Glu Phe
65          70          75          80
Leu Lys Ile Pro Ser Asn Phe Val Ser Pro Glu Asp Leu Asp Ile Pro
85          90          95
Gly His Ala Ser Lys Asp Arg Tyr Lys Thr Ile Leu Pro Asn Pro Gln
100         105         110
Ser Arg Val Cys Leu Gly Arg Ala Gln Ser Gln Glu Asp Gly Asp Tyr
115         120         125
Ile Asn Ala Asn Tyr Ile Arg Gly Tyr Asp Gly Lys Glu Lys Val Tyr
130         135         140
Ile Ala Thr Gln Gly Pro Met Pro Asn Thr Val Ser Asp Phe Trp Glu
145         150         155         160
Met Val Trp Gln Glu Val Ser Leu Ile Val Met Leu Thr Gln Leu
165         170         175
Arg Glu Gly Lys Glu Lys Cys Val His Tyr Trp Pro Thr Glu Glu Glu
180         185         190
Thr Tyr Gly Pro Phe Gln Ile Arg Ile Gln Asp Met Lys Glu Cys Pro
195         200         205

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 Ser Val Lys His Ile Leu Phe Ser Ala Trp Pro Asp His Gln Thr Pro
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 Pro Glu Thr Ala Ala His Pro Gly Pro Ile Val Val His Cys Ser Ala
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 Gly Ile Gly Arg Thr Gly Cys Phe Ile Ala Thr Arg Ile Gly Cys Gln
 275 280 285
 Gln Leu Lys Ala Arg Gly Glu Val Asp Ile Leu Gly Ile Val Cys Gln
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<212> DNA

<213> Homo sapiens

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Pro Thr Glu Leu Ile Ile Tyr Cys Lys Asp Phe Arg Ile Val Arg Phe
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Arg Phe Asp Glu Ser Gly Pro Glu Ser Ala Lys Lys Val Cys Leu Ala
65           70           75           80
Ile Ala His Tyr Ser Gln Pro Thr Asp Leu Gln Leu Leu Phe Ala Phe
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Trp Asp Arg Glu Ile Lys Arg Thr Gly Ala Ser Gly Trp Arg Val Cys
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Ser Ile Asn Glu Gly Tyr Met Ile Ser Thr Cys Leu Pro Glu Tyr Ile
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Val Val Pro Ser Ser Leu Ala Asp Gln Asp Leu Lys Ile Phe Ser His
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Ser Phe Val Gly Arg Arg Met Pro Leu Trp Cys Trp Ser His Ser Asn
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Gly Ser Ala Leu Val Arg Met ala Leu Ile Lys Asp Val Leu Gln Gln
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Arg Lys Ile Asp Gln Arg Ile Cys Asn Ala Ile Thr Lys Ser His Pro
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Gln Arg Ser Asp Val Tyr Lys Ser Asp Leu Asp Lys Thr Leu Pro Asn
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Ser Thr Val Ser Arg Ile Lys Ser Cys Thr Lys Gln Asp Tyr Phe Pro
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